Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 20 Aug 2023 until 23:59 on Monday 21 Aug 2023

Forecast Issued on Saturday 19 Aug 2023 at 15:39

Confidence: High confidence for more settled conditions in the coming days in the wake of Storm Betty. Lower confidence for shower and cloud details, and for any rain on Wednesday.

Headline for Sunday 20 Aug 2023: Sunny spells, with isolated showers.

Mountain weather hazards on Sunday 20 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG					
Cloudy	Fog	Fog	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	20%	20%	20%	10%	<05%

Forecast for Sunday 20 Aug 2023

Weather: Largely dry but with increasing cloud overnight. Then the cloud will lift and break during the morning leaving a day of sunny spells. A few showers developing during the morning, although most places will stay dry. Showers tending to die out from late afternoon, leaving a dry evening.

Chance of cloud-free hill tops above 600m: 60% becoming 100% by mid-morning.

Low Cloud and visibility: Areas of cloud developing overnight, base 500-600m, quickly lifting and breaking above the hills during the morning, with cloud well above hilltops for the rest of the day. Visibility mostly good, but moderate in any showers and very poor in early low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 20 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 SW	15/23 SW	13/19 SW	16/23 SW	20/28 SW	20/28 SW	15/21 SW	13/22 SW	15/24 SW
300	11/24 SW	8/19 SW	7/16 SW	12/23 SW	13/24 SW	14/27 SW	9/19 SW	6/18 SW	6/18 SW
Valley	9/22 SW	7/17 SW	6/16 S	8/19 SW	12/24 SW	12/23 SW	8/17 SW	5/16 S	6/17 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/9	12/9	12/9	12/10	14/10	14/11	14/11	12/10	11/9
300	14/13	14/13	14/13	15/13	17/15	18/15	16/15	13/12	13/12
Valley	16/14	15/14	15/14	16/15	19/16	19/17	18/17	14/14	15/14
Freezing Level*	2400m	2300m	2300m	2200m	2100m	2100m	2100m	2200m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be moderate to high so sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 19 Aug 2023	14.6mm	14.6mm	14.6mm

Forecast for Monday 21 Aug 2023

Weather: Areas of low cloud developing overnight, but largely dry. Then cloud lifting and breaking during the morning, with sunny spells developing, and scattered showers. Showers dying out from late afternoon, with evening sunny spells.

Maximum wind: Southwesterly 25-30 mph, gusting 40-45 mph.

Chance of cloud-free hill tops above 600m: 60% becoming 100% by mid-morning

Low Cloud and visibility: Areas of cloud, base 500-600m, developing overnight. This lifting and breaking above all hills during the morning. Visibility mostly good, but moderate in any showers and very poor in low cloud covering the hills.

Temperature: **Valleys:** Plus 10C becoming plus 21C.
At 600m: Plus 13C
Freezing level: Above the hills.

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